

Arc

MATERIAL SAFETY DATA SHEET

Water Treatment Company of MD, Inc.

ARSBT

24 Hour
Emergency Phone
1-800-255-3924

Revision Date: March 1, 2007

Arc Water Treatment Company of MD, Inc.
10620 Riggs Hill Road, Unit J
Jessup, MD 20794-9431

1 CHEMICAL PRODUCT IDENTIFICATION ARSBT

General use: COMPLETE BOILER WATER TREATMENT Emergency Telephone Number: 800-255-3924

2 COMPOSITION/INFORMATION ON INGREDIENTS

OSHA HAZARDOUS COMPONENTS (29 CFR 1910, 1200) EXPOSURE LIMITS 8 HRS TWA (PPM)

COMPONENT	HAZARD	CAS#	OSHA STEL	OSHA PEL	ACGIH TLV
SODIUM HYDROXIDE	IRRITANT	1310-73-2	NONE	NONE	NONE
SODIUM LIGNOSULFONATE	IRRITANT	68131-31-7	NONE	NONE	NONE
SODIUM CARBONATE	IRRITANT	497-19-8	NONE	NONE	NONE
SODIUM SULFITE	IRRITANT	7757-83-7	NONE	NONE	NONE
SODIUM POLYACRYLATE	IRRITANT	9003-04-7	NONE	NONE	NONE

3 HAZARDS IDENTIFICATION

EMERGENCY OVER VIEW: THIS SOLUTION IS CORROSIVE.

POTENTIAL HEALTH EFFECTS

INHALATION: MIST MAY BURN THE MUCOUS MEMBRANES.
INGESTION: MAY BURN THE GASTROINTESTINAL TRACT.
SKIN CONTACT: MAY BURN THE SKIN

EYE CONTACT: MAY BURN THE EYES.
CHRONIC: NONE
TARGET ORGANS: POINT OF CONTACT.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N.D.

4 FIRST AID MEASURES

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION SKIN CONTACT: WASH WITH SOAP AND WATER

EYE CONTACT: RINSE WITH WATER FOR 15 MINUTES. GET MEDICAL GET MEDICAL ATTENTION. INGESTION: DO NOT CAUSE VOMITING. GET MEDICAL ATTENTION.

NOTES TO PHYSICIAN: NONE.

5 FIRE FIGHTING MEASURES

Flashpoint (F) and Method: WATER SOLUTION-DOES NOT BURN

Autoignition Temperature (F): N/A

FLAMMABLE LITS: INGREDIENT: N/A

UEL: N/A LEL: N/A

GENERAL HAZARD: THIS PRODUCT IS CORROSIVE.

FIRE FIGHTING EQUIPMENT : WEAR SELF CONTAINED BREATHING APPARATUS.

FIRE FIGHTING INSTRUCTIONS:

EXTINGUISHING MEDIA:

Foam: YES Alcohol Foam: YES CO2: YES
Dry Chemical: YES Water: YES Other: NONE

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, NITROGEN AND SULFUR.

NATIONAL FIRE PROTECTION ASSOCIATION HAZARD RATINGS:

0- Insignificant 1- Slight 2- Moderate 3- High
4- Extreme U- Unknown *- No Information

Health : 2
Flammability : 0
Reactivity : 0

SPECIAL INFORMATION: CORROSIVE - ALKALINE.

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL: COLLECT AND DISPOSE OF IN ACCORDANCE TO LOCAL, STATE AND FEDERAL GUIDELINES. WATER SPILL: CONTAIN AND REPORT TO THE APPROPRIATE AUTHORITIES.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE (F) ROOM TEMPERATURE STORAGE PRESSURE: ATMOSPHERIC
GENERAL: STORE IN A COOL, DRY AREA, KEEP CONTAINER CLOSED, PROTECT FROM FREEZING AND WASH AFTER HANDLING.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: GENERAL EXHAUST - USE WITH ADEQUATE VENTILATION.
PERSONAL PROTECTION: GOGGLES
RESPIRATOR: NONE PROTECTIVE CLOTHING: RUBBER GLOVES AND APRON.

9. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (mmHg)	N.D.	pH	11.8
SPECIFIC GRAVITY (WATER-1)	1.175	ORDER	SLIGHT ACRID
SOLUBILITY IN WATER	COMPLETE	APPEARANCE	DARK BROWN
FREEZING POINT	N.D.	PHYSICAL STATE	LIQUID
EVAPORATION RATE (BuAc-1)	N.D.	VAPOR DENSITY (Air-1)	N.D.
VISCOSITY	N.D.	PERCENT VOLATILE BY VOL	N.D.
BOLLING POINT (F)	N.D.		

10. STABILITY AND REACTIVITY

GENERAL STABLE
INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: OXIDIZING AGENTS, ACIDS AND NITRITES
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

11. TOXICOLOGICAL INFORMATION

CARCINOGENIC INFORMATION: N/E
CASE: N/A % WT: N/A
IARC: NOT LISTED NTP: NOT LISTED OSHA: NOT LISTED ACGIH: NOT LISTED OTHER: NOT LISTED

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: SULFITE CONSUMES OXYGEN IN WATER

13. DISPOSAL CONSIDERATION

RCRA HAZARD CLASS: NOT LISTED

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: COMPOUNDS CLEANING LIQUID,8,NA1760,PG II
HAZARD CLASS: CORROSIVE

15. REGULATORY INFORMATION

TSCA (Toxic Substance Control Act): ALL COMPONENTS ARE LISTED IN THE TSCA INVENTOR
CERCLA (Comprehensive Environmental Response Compensation, and Liability Act) IF 20,000 POUNDS ARE SPILLED, CONTACT THE AUTHORITIES.

SARA TITLE III (Superfund Amendments and Reauthorization Act)
311/312 HAZARD CATEGORIES: IMMEDIATE HEALTH HAZARD
313 REPORTABLE INGREDIENTS: NONE LISTED

16. OTHER INFORMATION

17.